

Recombinant Human C1QBP, GST-tagged

Cat. No. C1QBP-10477H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human C1QBP protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-282a.a.
Description	The human complement subcomponent C1q associates with C1r and C1s in order to yield the first component of the serum complement system. The protein encoded by this gene is known to bind to the globular heads of C1q molecules and inhibit C1 activation. This protein has also been identified as the p32 subunit of pre-mRNA splicing factor SF2, as well as a hyaluronic acid-binding protein.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	C1QBP complement component 1, q subcomponent binding protein [Homo sapiens]
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Official Symbol	C1QBP
Synonyms	C1QBP; complement component 1, q subcomponent binding protein; HABP1; complement component 1 Q subcomponent-binding protein, mitochondrial; C1q globular domain binding protein; gC1Q R; gC1qR; hyaluronan binding protein 1; p32; SF2p32; splicing factor SF2 associated protein; p33; glycoprotein gC1qBP; hyaluronan-binding protein 1; mitochondrial matrix protein p32; C1q globular domain-binding protein; splicing factor SF2-associated protein; GC1QBP; gC1Q-R;
Gene ID	708
mRNA Refseq	NM_001212
Protein Refseq	NP_001203
MIM	601269
UniProt ID	Q07021
Chromosome Location	17p13.3
Pathway	Formation of Fibrin Clot (Clotting Cascade), organism-specific biosystem; Hemostasis, organism-specific biosystem; Herpes simplex infection, organism-specific biosystem; Herpes simplex infection, conserved biosystem; Intrinsic Pathway, organism-specific biosystem;
Function	complement component C1q binding; protein binding; protein kinase C binding;